11th Class ICS Mathematics Chapter 12 Test Online

Sr	Questions	Answers Choice
1	$r_3 =$	
2	$r_2 =$	
3	$r_1 =$	
4	Question Image	
5	Question Image	A. r₁ B. r₂ C. r₃ D. r
6	Question Image	
7	r r_1 r_2 $r_3 =$	D. abc
8	The in-radius r of a triangle is given by:	
9	The circum-radius R of a triangle is given by:	
10	With usual notations for triangle R equals:	
11	A circle passing though the vertices of a triangle is known as:	
12	A circle drawn inside a triangle and touching its sides is known as:	
13	A circle which touches one side of a triangle externally and the other two produces sides internally is known as:	
14	If 2s = a + b + c, where a, b, c are the sides of a triangle ABC, then area of triangle ABC is given by:	
15	When two sides and included angle is given, then area of triangle is given by:	D. all of these
16	In triangle the length of the sides are 7, $4\sqrt{3}$ and $\sqrt{13}$. Then the smallest angle is:	A. 15° B. 30° C. 60° D. 45°
17	The lengths of the sides of a triangle are proportional to the sines of the opposite angles to the sides. This is known as:	A. The law of sines B. The law of cosines C. The law of tangents D. The fundamental law
18	If 2s = a + b +c, then in any triangle ABC:	D. none of these
19	In 2s = a + b + , then in any triangle ABC:	D. all of above
20	If 2s = a + b + c, then in any triangle ABC:	D. all of these